INTERNATIONAL SEARCH REPORT

nter lapplication No. PCT/JP03/07071

	SIFICATION OF SUBJECT MATTER C1 C12N15/09, C12N5/16, C07K1	16/08, A01K67/027				
According to International Patent Classification (IPC) or to both national classification and IPC						
B. FIELDS SEARCHED						
Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ Cl2N15/09, Cl2N5/16, C07K16/08, A01K67/027						
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched						
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) BIOSIS/WPIDS/MEDLINE(STN), JSTPlus(STN)						
C. DOCUMENTS CONSIDERED TO BE RELEVANT						
Category*	Citation of document, with indication, where ap		Relevant to claim No.			
X A			12,15,16 1-11,13,14, 17-19			
XĀ	Blissard GW. et al., Location, sequence, transcriptional mapping, and temporal expression of the gp64 envelope glycoprotein gene of the Orgyia pseudotsugata multicapsid nuclear polyhedrosis virus., Virology., (1989), Vol.170, No.2, pages 537 to 555		12-18 1-11,19			
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× Furth	Further documents are listed in the continuation of Box C. See patent family annex.					
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international filing date "E" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other "T" later document published after the international filing date priority date and not in conflict with the application but ci understand the principle or theory underlying the invention considered novel or cannot be considered to involve an invention of the document is taken alone document of particular relevance; the claimed invention or document or document of particular relevance; the claimed invention or document or d		e application but cited to crlying the invention laimed invention cannot be ed to involve an inventive				
"O" docum means	reason (as specified) ent referring to an oral disclosure, use, exhibition or other ent published prior to the international filing date but later	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document member of the same patent family				
than th	e priority date claimed actual completion of the international search	Date of mailing of the international search				
	08 July, 2003 (08.07.03) 22 July, 2003 (22.07.03)					
	nailing address of the ISA/ nese Patent Office	Authorized officer				
Facsimile No.		Telephone No.				

INTERNA NAL SEARCH REPORT

Category*	Citation of document, with indication, where appropriate, of the relevant passa	ges	Relevant to	claim No.	
A	Liang R. et al., Human intestinal H+/peptide cotransporter. Cloning, functional expression, and chromosomal localization., J.Biol.Chem., (1995), Vol.270, No.12, pages 6456 to 6463			1-19	
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Form PCT/ISA/210 (continuation of second sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

Box I Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)				
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:				
1. Claims Nos.:				
because they relate to subject matter not required to be searched by this Authority, namely:				
2. Claims Nos.:				
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:				
3. Claims Nos.:				
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box II Observations where unity of invention is lacking (Continuation of item 3 of first sheet)				
This International Searching Authority found multiple inventions in this international application, as follows: The matter common to claims 1 to 19 resides in a transgenic nonhuman animal having a gene encoding a virus-origin membrane protein transferred therein. However, a transgenic mouse having a gene encoding a virus-origin membrane protein transferred therein was already publicly known on the priority date of the present case (Satoi J., et al., J. Virol. (2001), Vol.75, No.24, p.12121-12127). Therefore, this common matter falls within the category of prior art and thus cannot be considered as a special technical matter in the meaning as described in PCT Rule 13.2.				
1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.				
2. X As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:				
4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is				
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark on Protest				
No protest accompanied the payment of additional search fees.				
L. J				